



PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/805841
	Filing Date	March 22, 2004
	First Named Inventor	Jeffrey L. Duerk
	Art Unit	2862
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	CWRU-P01-049

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):  Part 2 Copy of Notice Return Receipt Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	ROPES & GRAY LLP Edward J. Kelly - 38,936
Signature	
Date	October 1, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10-1-04Signature: Denise Camerato (Denise Camerato)



PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) **275.00****Complete if Known**

Application Number	10/805841
Filing Date	March 22, 2004
First Named Inventor	Jeffrey L. Duerk
Examiner Name	Not Yet Assigned
Art Unit	2862
Attorney Docket No.	CWRU-P01-049

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

18-1945

Deposit Account Name

Ropes &amp; Gray LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	2001	770	385			Utility filing fee	
1002	2002	340	170			Design filing fee	
1003	2003	530	265			Plant filing fee	
1004	2004	770	385			Reissue filing fee	
1005	2005	160	80			Provisional filing fee	

**SUBTOTAL (1)** (\$) **0.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	x	=
Multiple Dependent	** =	x	=

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	2202	18	9			Claims in excess of 20
1201	2201	86	43			Independent claims in excess of 3
1203	2203	290	145			Multiple dependent claim, if not paid
1204	2204	86	43			** Reissue independent claims over original patent
1205	2205	18	9			** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) **0.00**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65			Surcharge - late filing fee or oath	65.00
1052	2052	50	25			Surcharge - late provisional filing fee or cover sheet	
1053	1053	130	130			Non-English specification	
1812	1812	2,520	2,520			For filing a request for <i>ex parte</i> reexamination	
1804	1804	920*	920*			Requesting publication of SIR prior to Examiner action	
1805	1805	1,840*	1,840*			Requesting publication of SIR after Examiner action	
1251	1251	110	55			Extension for reply within first month	
1252	1252	420	210			Extension for reply within second month	210.00
1253	1253	950	475			Extension for reply within third month	
1254	1254	1,480	740			Extension for reply within fourth month	
1255	1255	2,010	1,005			Extension for reply within fifth month	
1401	1401	330	165			Notice of Appeal	
1402	1402	330	165			Filing a brief in support of an appeal	
1403	1403	290	145			Request for oral hearing	
1451	1451	1,510	1,510			Petition to institute a public use proceeding	
1452	1452	110	55			Petition to revive - unavoidable	
1453	1453	1,330	665			Petition to revive - unintentional	
1501	1501	1,330	665			Utility issue fee (or reissue)	
1502	1502	480	240			Design issue fee	
1503	1503	640	320			Plant issue fee	
1460	1460	130	130			Petitions to the Commissioner	
1807	1807	50	50			Processing fee under 37 CFR 1.17(q)	
1806	1806	180	180			Submission of Information Disclosure Stmt	
8021	8021	40	40			Recording each patent assignment per property (times number of properties)	
1809	1809	770	385			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	1810	770	385			For each additional invention to be examined (37CFR 1.129(b))	
1801	1801	770	385			Request for Continued Examination (RCE)	
1802	1802	900	900			Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) **275.00****SUBMITTED BY**

(Complete if applicable)

Name (Print/Type) Edward J. Kelly

Registration No. (Attorney/Agent)

38,936

Telephone (617) 951-7532

Signature

Date

October 1, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 10/1/04

Signature: Denise Camerato (Denise Camerato)



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Dated: 10-1-04 Signature: Denise Camerato  
(Denise Camerato)

Docket No.: CWRU-P01-049  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Duerk et al.

Application No.: 10/805841

Confirmation No.: 1712

Filed: March 22, 2004

Art Unit: 2862

For: CHEMICAL SPECIES SUPPRESSION FOR  
MRI IMAGING USING SPIRAL  
TRAJECTORIES WITH OFF-RESONANCE  
CORRECTION

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed June 1, 2004, Applicant respectfully submits a Combined Oath and Declaration, Fee Transmittal, Request for Two Month Extension of Time, and Part 2 Copy of Notice.

Please charge our Deposit Account No. 18-1945 in the amount of \$275.00 covering the fee set forth in 37 CFR 1.16(e). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper

Application No.: 10/805841

Docket No.: CWRU-P01-049

hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. CWRU-P01-049. A duplicate copy of this paper is enclosed.

Dated: October 1, 2004

Respectfully submitted,

By 

Edward J. Kelly

Registration No.: 38,936

Anita Varma

Registration No.: 43,221

ROPES & GRAY LLP

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

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Attorneys/Agents For Applicant



IF WJUN 28 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/805,841	03/22/2004	Hisamoto Moriguchi	CWRZ 2 00356

Richard J. Minnich, ESq.  
Fay, Sharpe, Fagan, Minnich & McKee, LLP  
Seventh Floor  
1100 Superior Avenue  
Cleveland, OH 44114-5582

CONFIRMATION NO. 1712

FORMALITIES LETTER



\*OC000000012831720\*

Date Mailed: 06/01/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

10/06/2004 NASEAW1 00000004 181945 10805841

01 FC:2051 65.00 DA

*A copy of this notice **MUST** be returned with the reply.*

Syed Asadullah  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE